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G. M. Dyson for Organic-Chemical Compounds,
by R. Fugmann, 24 pp.

GERMAN, Dr, A Proposed International Chemical
Notation, 1958.

CIA/FDD XX-886

Sci. - Chem

Aug 60

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USID INTERNAL USE ONLY

TT-65-61746

Field 201

Pakhomov, P. L.; Fugol, I. I.
PAIR COLLISIONS OF METASTABLE HELIUM ATOMS
IN THE PLASMA (Parnye Stolknoventiya Metastabil Nykh
Atomov Geliya V Plazme). Tr. by A. L. Brichant.
21 Dec 64, 7p, 7refs. ST-NP-PP-10262;
NASA-TT-F-9613; N65-14614,
Order from CFSTI, SLA, or ETC: HC\$1.00, MF\$0.50
as N65-14614

Trans. of Akademiya Nauk SSSR, Doklady, v159 n1
p57-9 1964.
Contract NAS-5-3760.

I. National Aeronautics and
Space Administration,
Greenbelt, Md.
Goddard Space
Flight Center.

Diffusion and Excitation Transfer in Collisions
of Metastable Helium-3 Atoms, by

P. L. Pakhomov, I. Ya. Fugol'.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol 179,
No 4, 1968, pp 813-816.

The Am Inst Phys

Vol 13, No 4, Oct 1968

I. YA. FUGOL'

Sci/Phys
Nov 68

370,228

FROM COLLECTION OF AEROSPACE RESEARCH REPORTS TO A FISSURE,
by P. L. Pakhomov, I. Ya. Fugol,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIX, No 1, 1964,
pp 57-59.
NASA TT F-9613

Sci-Phys
Feb 65
U.S. GOVERNMENT ONLY

274,905

(FDD 29262)

The Efficiency (Work Capacity) of Nerve Components
in the Cerebral Cortexes of Various types of Dogs,
by O. M. Fugol', 13 pp.

RUSSIAN, bk, Fiziologiya Nervnykh Protseessov,
Kiev, 1955, pp 420-428.

CIA/FDD U-9086

Sci - Medicine, Physiology
Oct 56

44,500

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Development of Optimal Mining Parameters at the
Lapoliaryi Mine, by M. D. Fugzan.
RUSSIAN, per. Gornyi Zhurnal, No 6, 1965,
pp 19-24.
*CFSTI TT 68-50618

M. D. Fugzan
Sci/Mech Engr
May 68

Fuha, Kellchiro.

REPORT ON THE FLUORINE CONTENT OF PRECIPITATES AND SOIL OF TAMAGAWA HOT SPRING.

AKITA PREFECTURE. Rept. 3 on Spectroscopic Analysis of Fluorine Using CaF Band Spectrum. May 61 [11].

4 refs. Technical notes FRL-TN-70; AD-256 525.

Order from OTS or SLA \$1.60

62-25217

Trans. of Nihon Kagaku Zasshi (Japan) 1954, v. 75, p. 1957-1959.

DESCRIPTORS *Fluorine, *Hydrology, Soils, Geology, *Calcium compounds, *Fluorides, Spectrographic analysis, Sedimentation, Japan

Applying a semiquantitative spectroscopic analysis utilizing the CaF band spectrum to samples collected from Tamagawa Hot Spring, the author investigated the fluorine content of the hot spring precipitates, soil from (Earth Sciences--Geology, TT, v. 9, no. 2) (over)

62-25217

I. Title: Tamagawa Hot Spring

I. Fuha, K.

II. Title: Fluorine...

III. Title: Spectroscopic...

IV. FRL TN-70

V. Feltman Research Labs.,

Picatinny Arsenal,

Dover, N. J.

VI. Joint Publications Re-

search Service,

New York

VII. AD-256 525

6227239

10-31-62

Office of Technical Services

Fuha, Yoshio.

PREPARATION OF PHOSPHOROUS OXYCHLORIDE.
[1963] 7p.

Order from OTS or SLA \$1.10

63-14536

Trans. of Japanese patent application 1950-1807,
effective 21 June 50, appl. 14 Feb 49, by Noguchi Lab.

DESCRIPTORS: *Phosphorus compounds, *Oxychlorides,
Carbon, Chlorine, Calcium compounds.

This invention concerns a new industrial preparation of
liquid phosphorous oxychloride from carbon, chlorine
gas, and phosphorous rock composed of calcium phos-
phate. The outline of the procedure is as follows: A
mixture of phosphorous rock containing large amounts
of calcium phosphate and carbon is put into the reaction
furnace, and chlorine gas is blown into the reaction
zone of the furnace while the temperature is kept around
900°C with the aid of an auxiliary heating apparatus.
(Chemistry--Inorganic, IT, v. 10, no. 9) (over)

63-14536

I. Fuha, Y.

II. Patent (Japan) pub. 25-1807

Office of Technical Services

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Odourless Printing Ink^d, by W. Fuhler, 5 pp.

GERMAN, per, Allgem Papier-Rundschau, Vol
XVIII, 1952, pp 315-317.

SLA Tr 57-1725

Sci - Chem Tech

Jul 58

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Polymethine Dyes. I. On Cyanomethines, by
M. Strell, W. B. Braunbruck, W. F. Fuhler,
O. Huber, 34 pp.

GERMAN, per, Annalen der Chemie, No 587, (3)
1954, pp 177-194.

NIH Tr 10-13

sci - Chemistry

54, 663

Oct 57

Remarks on Dr. Meinicke's Report on "Further
Experiences With the Nelson Test", by F. Fuhner,
5 pp.

GERMAN, Tagung der Nordwestdeutschen und Hamburger
Dermatologischen Gesellschaft, 5 Jul 1953.

NIH

Scientific - Medicine

Feb 54 CTS

9685

Fuhner, H.

THE QUANTITATIVE DETERMINATION OF NICOTINE BIOLOGICALLY. [1962] 9p.
Order from K-H \$11.25

K-H 5398-b

Trans. of Biochem[ische] Zeit[schrift] (Germany) 1918, v. 92, p. 355-363.

DESCRIPTORS: Quantitative analysis, Nicotine, Biology.

(Unannounced)

62-17959

- I. Fuhner, H.
- II. K-H-5398-b
- III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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Pharmacological Investigations, Relative to the Active
Constituent of the Hypophysis, by J. Fuhner, (43 pp)

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p. 397.

SLA 2809

Sci-Medicine
Mar 58

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From a Lecture Delivered on 19 February 1952, Before
the Medical Association of Hamburg, by Dr Fritz
Fuhner, 28 ppl

GERMAN, reprint from Arztliche Wochenschrift,
Vol VII, No 28, 11 Jul 1952, pp 644-650.

NIH

Scientific - Medicine

Feb 54 CTS

9680

The Pallida Antigen of W. Gaetgens and F. Fuhrer
of Hamburg for the Pallida Reaction (PR), in the
Serological Detection of Syphilis, by W. Gaetgens,
F. Fuhrer, 27 pp.

GERMAN, ~~per~~ Chen, Fabrik Promonta GmbH Hamburg. *862*

NIH

Scientific - Medicine

Feb 54 CTS

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Comparative Investigations on the Diagnostic Value
of Complement Fixation and of Intradammoreactions
in Ornithosis, by D. Saratesanu, E. Nastac, B. Fuhrer,
pp. UNCL

ROMANIA, par, Microbiologia Parazitologia
Epidemiologia, May-June 1960, pp 253-258.

ACSI H-8811-A
ID 2163989

Sci - Med
May 61

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Humidifying the Air in Auditoriums, by R. Fuhrer, 52 pp

GERMAN, per, Telegraphen u Fernsprech-Technik,
Vol XXIII, No 7, Jul 1934, pp 165-170; No 8, Aug
1934, pp 191-198.

SIA 58-319

Sci 1

Aug 59

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Subscribers' Trunk Dialling in the Telephone
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SLA Tr 1997

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Jul 57

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THE DETECTION OF ANTIMALARIAL AGENTS IN BODY FLUIDS
AND EXCRETIONS. FIRST REPORT: AN IMPROVED AND
SIMPLIFIED FIELD TEST TO DETERMINE CHLOROQUINE
(RESOCHINE) IN THE URINE, BY G. FUHRMANN, 9 PP.

GEMPMAN, PER, Z FUER TROPENMED U PARASITOL,
VOL XII, NO 2, 1961, PP 152-160.

NIH 5-31-62

SCI - MED
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Cell Electrophoresis in Clinical Diagnosis:
Electrophoretic Studies on Blood-Cells,
Lymph Node Cells and Tumor Cells of
Freshly Obtained Specimens, by F. Ruff,
G. H. Jahnke, G. Hohenstuth-Bauer, Exp.
GERMAN, Proc. Symposium Electrophoretic
Techniques, Vol. 10, No. 2, 1961,
pp 121-129.
CIA TR-64-30592

G. F. Fuhrman

333, 939

Electrophoretic Mobility of Bovine
Spermatozon, by G. F. Fuhrmann, E. Granzer,
16 pp.

GERMAN, per, Z fur Naturforschung, Vol XVIIlb,
No 3, 1963, pp 236-242.

NIH 10-5-63

Sci - Biol & Med
Nov 63

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Fuhrmann, Harald.
SPARK QUENCHING FOR MAGNETIC CONTACTS
AND CALCULATION OF SPARK QUENCHING ELE-
MENTS. [1962] 22p. 4 refs.
Order from SLA \$2.60

62-18707

Trans. of (NTZ) Nachrichtentechnische Zeitschrift
(West Germany) 1961, v. 14, no. 10, p. 481-486.

DESCRIPTORS: *Relays, *Magnetic core switches,
Sparks, Quenching (inhibition), Circuits.

(Engineering--Electronic, TT, v. 9, no. 12)

62-18707

I. Fuhrmann, H.

A640032

Office of Technical Services

A Hereditary Kidney Disease With Hematuria as the
Leading Symptom, by Walter Fuhrmann, 12 pp.

GERMAN, ^{and} Zeitschrift fuer Kinderheilkunde,
Vol LXXXII, 1959, pp 514-525.

MIN 12-1-61

Sci - Med

Feb 62

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The Rheological Behaviour of Paper of Varying
Moisture Content When Subjected to Short Tensile
Strain, by W. Brecht, E. Fuhrbeck, 7 pp.

GERMAN, per, das Papier, Vol XIII, No 13/14,
1959, pp 293-301.

SLA 60-14010

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OTS, Vol III, No 7

Nov 60

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The Absorption of the Antimalarial Resochin
(Chloroquine) in Man, by K. Koenig, G. Fuhrmann,
12 pp.

GREDMAN, per, Farbenfabriken Bayer Aktiengesell-
schaft: Medizin und Chemie, Vol V, Verl. Chemie,
Weinheim, 1956, pp 181-184.

MIN 1-8a-60

Sci - Med

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Fully Automatic Equipment for Colorimetric
Analysis, by Hans Fuhrmann, 10 pp,

Vol. XXVI

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pp 401-404.

S.L.A. - 999

~~422~~

AEC Tr No 1993

Scientific - Engineering, Chemistry
Feb 55 CTS

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1. Necious Cestode, by O. Fuhrmann, 50 pp.

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Systematik, Okologie und Geographie der Tiere]
Vol. XX, 1904, pp 131-144.

SLA 59-20076

Sci
Jan 62

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Bases and Limits of Clinical Electro-Encephalography,
by Rudolf Janzen, Wernfried Fuhrmann, 24 pp.

Full translation.

GERMAN, per, Wien Klin Wschr, Vol XXIX, No 45/46,
1951, pp 762-766.

CIA/FDD/X-865

Scientific - Medicine

Jun 53 CTS

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(NY-7043)

THE DESTRUCTION OF HYDROCARBONS BY MICROBES,
BY G. WOLFGANG FUHS, 63 PP.

~~RUSSIAN, XREF,~~
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L961, PP 374-342.

JPRS 14362

SCI - CHEM
JUL 62

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Separation of Radioactive Isotopes of Rare Earth
Elements on a Mercury Cathode. I. Separation of
Y, Yb, and Lu. by V. P. Shvedov and Fullabai, 5 pp

RUSSIAN, per, Radiokhim, Vol IV, No 4, 1962,
pp 451-456.

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Sci
Apr 64

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Rate of Carbon Elimination in the Basic Oxygen
LD Furnace, by T. Fuji, S. Ura.

JAPANESE, per, Tetsu to Hagane, Vol XLVIII,
No 11, 1962, pp 1372-1374.

HB 5758

Sci-Min/Met
Jan 63

219,968

Dynamics of Visco-Elastic Bodies and the
Weissenberg Effect, by Kichiro Takeo,
Fujie Takeo, 2 pp.

JAPANESE, pub, Teion Kagaku, Vol XXVI, No 6,
1956, pp 313.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Jan 60

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Operating Temperature of Spark Plugs, by U.
Fujiwara, H. Yuge.
GERMAN, per, MTZ, Vol 25, No 3, 1964, pp 8-73
GB/327

U. Fujiwara

Sci -
Jul 67

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Surfactants in Pulp Industries, by Hiroshi Fujii,
Shigeo Tokunaga, 17 pp.

JAPANESE, per, Koroido to Kaimein-Kassezai,
Vol II, 1960, pp 685-691.

AEC-Tr-6050

FE-Japan
Econ
Jan 64

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Fujii, Hiroyasu, Saegusa, Takao, Furukawa, Junji.
STEREOBLOCK POLYMERIZATION OF ACETALDE-
HYDE. Jan 64
Order from LSA \$21.00

Trans. of Kogyo Kagaku Zasshi (Japan) 1962, v. 65,
no. 5, p. 695-698.

DESCRIPTORS: *Acetaldehydes, Polymerization,
Stereochemistry

TT-64-12328

1. Title: Steroblock
polymers

I. Fujii, H.

II. Saegusa, T.

III. Furukawa, J.

IV. Literature Service
Associates, Bound
Brook, N. J.

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ALSO TT-65-14513

(Chemistry--Organic, TT, v. 11, no. 11)

Office of Technical Services

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Sperm Oil, by Hisashi Fujii,
JAPANESE, par, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XLIX, No 9, 1963,
pp 897-898.
Fisheries Research
Board of Canada,
Tech Stations

Sci - Biol & Med Sci
sept 64

246,082

Activation Analysis With Fast Neutrons, by
Kakuzo Tada, Isao Fujii, et al., 6 pp.

JAPANESE, rpt, Proceedings of the Fourth Japan
Conference on Radioisotopes, Tokyo, Oct 10-12 1961,
1962, pp 538-541, 9207696.

AEC-Tr-5637

Sci - Phys

Jun 63

231, 913

63-17126

Fujii, K.

REACTIONS BETWEEN SODIUM SILICATE SOLUTION
AND SODIUM FLUOSILICATE. [1963] 12p.
Order from ATS \$16.95

ATS-77Q67J

Trans. of Yogyo Kyokaiishi (Japan) 1961, v. 69, no. 5,
p. 137-144.

DESCRIPTORS: *Sodium compounds, *Silicates,
Solutions, *Fluorides chemical reactions.

- I. Fujii, K.
- II. ATS-77Q67J
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

(Chemistry--Inorganic, TT, v. 10, no. 1)

Office of Technical Services

On the Properties of Paperchromatography by
Zalfaroni's Method for Monoketosteriod Hormone, by
K. Fujii, T. Hirano, 13 pp.

JAPANESE, per, J Japan Biochem Soc, Vol XXIX, No 2,
May 1957, pp ~~25~~ 10-69.

SIA

SIA 58-161

Sci
Jul 59

93059

63-22297

Fujii, Kelsuke, Sako, Hiroshi, and Mikasa, Kazuo.
IMPROVEMENT ON METHOD OF MAKING
ANHYDROUS MAGNESIUM CHLORIDE. July 63, 7p.
(figs. omitted).
Order from SA \$19.00 SA Code-P-199

Trans. in manuscript of published Japanese patent
7451/1962, cl. 15-E-231.3, appl. no. 34605/1959 filed
6 Nov 59, pub. 7 July 62, by Asahi Kasei Kogyo Co.,
Ltd.

DESCRIPTORS: *Magnesium compounds, *Chlorides,
*Anhydrides, Ammonium compounds, Dehydration.

(Chemistry--Inorganic, TT, v. 10, no. 9)

- I. Fujii, K.
- II. Sako, H.
- III. Mikasa, K.
- IV. Patent (Japan) pub.
37-7451
- V. SA Code-P-199
- VI. Seizaburo Aoki (Japan)

Office of Technical Services

Preparation Method for Sodium Cyclohexylsulfamate,
by Kiichi Fujii, Isamu Okui, 2 p.

JAPANESE, patent, Publication Showa 27-3426, 1952,
proclamation 1 Sep 52, appl 11 Dec 50, spec.
appl. no. Showa 25-15779, by Tanabe Pharmaceutical
Mfg. Co., Representative: Tetsu Hirota,

BLA 59-17849

Sci
Feb 60
Vol 2, No 12

108,229

Fujii, Kiyoshi, Imoto, Saburo, Ukita, Junji,
Matsumoto, Shoichi.
METHOD OF MANUFACTURING HIGH-CRYSTALLINE
POLYVINYL FORMATE. Feb 64, 14p
Order from SA \$16.00 SA Code-P-260

Trans. of published Japanese patent 17386/1962,
cl. 26-B-131, appl. 37475/1960, 9 Sep 60, pub.
25 Oct 62, by Kurashiki Rayon Co., Ltd. (Abstract
available)

DESCRIPTORS: *Vinyl plastics, Manufacturing
methods, Crystallization, *Formates; Polymerization,
Organic solvents, Aldehydes,

The invention relates to a method of manufacturing
high-crystalline polyvinyl formate characterized by
preparing high-crystalline polyvinyl formate, quite dif-
ferent from common polyvinyl formate, by using
aldehydes at mol ratio of more than 50% to monomer
(Materials--Plastics, TT, v. 11, no. 11) (over)

TT-64-12714

- I. Title: Polyvinyl formate
- I. Fujii, K.
- II. Imoto, S.
- III. Ukita, J.
- IV. Matsumoto, S.
- V. Patent (Japan) pub.
37-17386
- VI. SA-Code-P-260
- VII. Seizaburo Aoki,
Fujisawa (Japan)

Office of Technical Services

On the Pharmacological Effect of Hemo Thiazine
and 1,4-Thiazine Derivatives, by Kiichi Fujii,
Yoshio Noma, Goro Hayashi, 17pp
JAPANESE, par, Yakugaku Zasshi, Vol 77, 1957,
pp 362-366
SLA 77-05-10060

Kiichi Fujii

Sci - Biol
June 67

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The Influence of Microstructure on Radiographs of 80
Stainless Steel Welds, by H. Fujii, T. Doi.
JAPANESE, part. J. Jap. Welding Soc., Vol 33,
No 2, 1964, pp 74-80.
Ref. 1331,
CDD 6362

M. Fujii

314,360

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Nov 66

AEC-tr-4482(p.645-53) Unc1.

A BASIC PLAN FOR A GENERAL RADIOISOTOPE
LABORATORY. M. Fujii.

C-23 P NSA

*Second Japan Conference on
Radioisotopes, Feb 1958*

N-3

AEC-tr-4482(p.645-53) Uncl.

A BASIC PLAN FOR A GENERAL RADIOISOTOPE
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Studies of Plastics for Medical Uses. Plastic
Syringes, by M. Fujii.
JAPANESE, per, Hinei Shikenjo Hokoku, Vol LXXXI,
1963, pp 83-85.
HHS NIH No 3-1-66 P910064066

FUJII, M.

Sci - Phys
May 66

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Studies of Plastics for Medical Uses. 7 Polyvinyl
Chloride for Medical Uses Pt.1., by M.Fujii and
H.Sato.

JAPANESE, per, Risei Shikenjo Hokoku, Vol.81,
pp.85-87, 1963.
SLA-TF-66-11585

HEW NIH 70 3-2-66
M. Fujii

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AEC-tr-4482(p.645-53) Uncl.

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AEC-tr-4482(p.192-205) Uncl.

ABSORPTION OF GAMMA-RAYS IN STEEL: A
CONSIDERATION FOR RADIOGRAPHY. R. Fuji and
Y. Maruyama.

C-23 P NSA

Second Japan Conference on
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Catalytic Decomposition of Acetone in the Vapour
Phase under Normal Pressure, by R. Fujii.
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pp 181-184.
AEC/LB/G-Tr-2923

R. Fujii

Sci/Chem
Feb 70

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Production of Constructional Carbon Steel NC;
Type by the Basic Oxygen (LD) Process,
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JAPANESE, per, Tetsu to Hagane, Vol XLVIII,
No 11, 1962, pp 1368-1371

HB 5850

Sci-M/M
Apr 63

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Value of the Use of Antibiotics for the Common
Cold in Children, by R. Fujii.

JAPANESE, per, Chemotherapy, Vol VII, No 2,
pp 109-127, 1959.

WH 9-18-62

Sci - Med

Dec 62

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Manufacture of Ethyl Acetate From Ethanol and Acetaldehyde, by R. Fujii, S. Fuku, /.

Japanese Patent 8863, 1956. Ethanol & Acetaldehyde Vapors are Passed Over Cu, Chromic Oxide, & Alumina Catalyst at 200-3000 C. ~~2000~~

ATS JJ-1518

Sci
May 59

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AEC-tr-4482(p.713-21) Uncl.

PERFORMANCE TEST OF A HIGH EFFICIENCY AIR
FILTER SYSTEM. S. Fujii.

C-23 P NSA

*Second Japan Conference on
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AEC-tr-4482(p.713-21) Uncl.

PERFORMANCE TEST OF A HIGH EFFICIENCY AIR
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PERFORMANCE TEST OF A HIGH EFFICIENCY AIR
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*Second Japan Conference on
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Palladium Electrode for the Measurement of
PH. -Denki Kagaku, by Fusao Ishikawa, Saburo
Fujii, 11 pp.

JAPANESE, per, Denki Kagaku (Journal of the
Electrochemical Society of Japan), Vol XVIII,
No 6, Jun 1950, pp 187-189.

NIH Tr 95

Sci - ~~Electronics~~

Chemistry
30,319

60-17103

Fujii, Shuya...
ULTRAVIOLET ABSORPTION SPECTRA OF COALS
OF VARIOUS DEGREES OF COALIFICATION. [1960]
[12]p. 2 refs.
Order from LC or SLA ml\$2.40, ph\$3.30 60-17103

Trans. of Nenryo Kyokai-Shi (Japan) 1959, v. 38,
no. 6, p. 384-387.

Coals of various degrees of coalification were finely pulverized and prepared into suspension state, and their ultraviolet absorption spectra were measured by the opal glass method. An absorption maximum was found at 215 mμ in the absorption spectra of young coals such as Ohira, Nakagō lower strata, and Nakagō, while the absorption spectra of coals of more advanced carbonization, such as Shikashima, Bibai, Futago, and Miike coals, gave absorption maxima in the vicinities of 230 mμ and 260 mμ. The ratio between the optical density at 260 mμ and the optical (Physics--Spectroscopy, TT, v. 5, no. 5) (over)

1. Coal--Spectra
2. Ultraviolet spectra--
Analysis
1. Fujii, S.

Office of Technical Services

1-31-61

On the Rate of Phosphorus Removal in the
Basic Oxygen Process, by T. Fujii, et al.
JAPANESE, par. ~~Tenryu~~ Tenryu to Hiroshima, Vol 50
No 1, pp 409-412.
HB 6914

T. Fujii

FE-Japan
Sci/H&M
May 68

278,503

ON THE CARBON ELIMINATION IN BASIC OXYGEN
IN PHARMACOS WITH A SYSTEM FOR IMPROVED
GAS RECOVERY, by T. Fujii, T. Araki.
JAPANESE, per, Tetsu to Kagaku, Vol 50,
No 11, 1964, pp 1738-1740.
DB 6414

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T. Fujii

Sch/MSK
Nov 65

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Documentation of Large Semi-Killed Ingots,
by T. Fujii, et al.
JISSEUM, ser, Scientific Mpt., Vol 16, Jan
1964, pp 9-15.
NMI 3177

T. Fujii

Sci-Materials
Oct 67

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Relation Between Air Temperature and Weather, by
Tatsuo Fujii, 8 pp.
JAPANESE, per, Journal of Meteorological Research,
Vol X, 1934, pp 353-357. 9491143

DNC RHC-118

Sci - Earth Sci & Astron
Feb 64

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